AMENDMENTS TO THE CLAIMS

1-13. (Cancelled)

14. (Previously presented) A process for the manufacture of a polystyrene closed-cell foam in which a blowing agent comprising 1,1-difluoroethane, 1,1,1,2-tetrafluoroethane and optionally an additive is employed.

15. (Previously presented) The process according to Claim 14, in which the weight ratio of 1,1-difluoroethane to 1,1,1,2-tetrafluoroethane in the blowing agent is at least 1.5.

16. (Previously presented) The process according to Claim 15, in which the weight ratio of 1,1-difluoroethane to 1,1,1,2-tetrafluoroethane in the blowing agent is more than 2.

17. (Previously presented) The process according to Claim 14, in which the blowing agent contains more than 60% by weight of a mixture of 1,1-difluoroethane and 1,1,1,2-tetrafluoroethane.

18. (Previously presented) The process according to Claim 14, wherein said additive is alcohol.

19. (Previously presented) A composition comprising 1,1-difluoroethane and 1,1,1,2-tetrafluoroethane and an alcohol, which composition can be used as blowing agent for the manufacture of polymer-based foams.

20. (Previously presented) The composition according to Claim 19, wherein said alcohol is methanol, ethanol, n-propanol or isopropanol.

21. (Previously presented) A composition comprising 1,1-difluoroethane, 1,1,1,2-tetrafluoroethane and carbon dioxide, wherein the weight ratio of 1,1-difluoroethane to 1,1,1,2-tetrafluoroethane in the blowing agent is greater than 1, which can be used as blowing agent for the manufacture of polymer-based foam.

22. (Previously presented) The composition according to Claim 19, in which the weight ratio of 1,1-difluoroethane to 1,1,1,2-tetrafluoroethane is at least 1.5.

23. (Previously presented) The composition according to Claim 19, containing more than 60% by weight of 1,1-difluoroethane and of 1,1,1,2-tetrafluoroethane.

24. (Previously presented) A thermal insulation panel comprising the polystyrene closed-cell foam, obtained using the process according to Claim 14.

25. (Previously presented) A thermal insulation panel comprising the polystyrene closed-cell foam, obtained using the process according to Claim 16.

26. (Previously presented) A thermal insulation panel comprising the polystyrene closed-cell foam, obtained using the process according to Claim 17.

27. (Previously presented) The process according to Claim 14, wherein the polystyrene closed-cell foam contains more than 90% of closed cells.

28. (Previously presented) The process according to Claim 27, wherein the thermal conductivity at 10°C of the polystyrene closed-cell foam after 90 days storage at room temperature is 27.0 mW/m.K or less.

29. (Previously presented) The thermal insulation panel according to Claim 24, wherein the polystyrene closed-cell foam contains more than 90% of closed cells.

30. (Previously presented) The thermal insulation panel according to Claim 24, wherein the thermal conductivity at 10°C of the polystyrene closed-cell foam after 90 days storage at room temperature is 27.0 mW/m.K or less.

31. (Previously presented) The thermal insulation panel according to Claim 29, wherein the thermal conductivity at 10°C of the polystyrene closed-cell foam after 90 days storage at room temperature is 27.0 mW/m.K or less.

32. (New) The composition according to Claim 21, in which the weight ratio of 1,1-difluoroethane to 1,1,1,2-tetrafluoroethane is at least 1.5.

33. (New) The composition according to Claim 21, in which the weight ratio of 1,1-difluoroethane to 1,1,1,2-tetrafluoroethane is at least 2.3.

34. (New) The composition according to Claim 21, containing more than 60% by weight of 1,1-difluoroethane and of 1,1,1,2-tetrafluoroethane.